

Converting Colors

HunterLab(24.5628, 29.4782,
-78.5310)

Have a look what the booklet for
HunterLab(24.5628, 29.4782,
-78.5310) contains.

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Color

**HunterLab(24.5968, 29.4932,
-78.4075)**

Conversions

Conversions Part 1

Format	Color
Hex	3333AC
RGB	51, 51, 172
RGB Percent	20%, 20%, 67%
CMY	0.8000, 0.8000, 0.3255
CMYK	0.70, 0.70, 0.00, 0.33
HSL	240°, 54%, 44%
HSV	240°, 70%, 67%
XYZ	9.9955, 6.0500, 39.6707
YIQ	64.7940, -38.8410, 37.6310

Conversions

Conversions Part 2

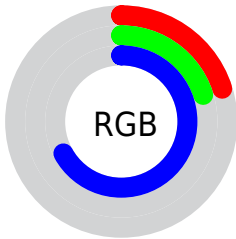
Format	Color
R _Y B	51, 51, 172
Decimal	3355564
CIE Lab	29.54, 39.72, -64.33
CIE LCh	30, 75.607, 301.694
Yxy	6.0501, 0.1794, 0.1086
Android (android.graphics.Color)	4281545644 (0xFF3333AC)
YUV	64.7940, 52.8526, -12.0973
Hunter-Lab	24.5968, 29.4932, -78.4075

Details

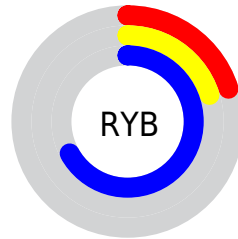
The HunterLab color **24.5968, 29.4932, -78.4075** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **62.0596, -15.5238, 34.9770**, and the grayscale version is **22.7514, -1.2140, 1.2361**.

A 20% lighter version of the original color is **42.3252, 32.6750, -76.1660**, and **12.1724, 27.9242, -75.4948** is the 20% darker color. If you saturate the color by 10%, you get **21.0903, 36.4387, -96.0889**, and if you desaturate by 10%, it is **28.9367, 22.9153, -61.7388**.

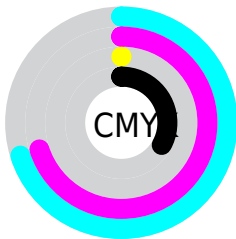
Distribution



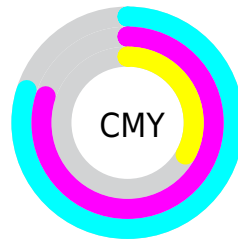
- Red (20%)
- Green (20%)
- Blue (67%)



- Red (20%)
- Yellow (20%)
- Blue (67%)



- Cyan (70%)
- Magenta (70%)
- Yellow (0%)
- Black (33%)



- Cyan (80%)
- Magenta (80%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5968, 29.4932, -78.4075 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 24.5968, 29.4932, -78.4075 by changing the saturation by 10% instead.

■ 24.5968, 29.4932,
-78.4075

■ 24.5968, 29.4932,
-78.4075

■ 126.3013, 40.0023,
-80.7001

■ 16.9576, 27.7813,
-82.4274

■ 42.4677, 32.5999,
-76.2292

■ 10.3302, 26.0913,
-92.1684

■ 52.5493, 33.9666,
-76.3282

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.3223, 35.2164,
-76.7738

0.0000, NaN, -NF

■ 74.7449, 36.3582,
-77.4191

0.0000, NaN, -NF

■ 86.7821, 37.4004,
-78.1783

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.4040, 38.3506,

-78.9986

0.0000, NaN, NaN

112.5846, 39.2159,
-79.8465

■ 24.5968, 29.4932,
-78.4075

■ 24.5968, 29.4932,
-78.4075

■ 21.0903, 36.4387,
-96.0889

■ 28.9367, 22.9153,
-61.7388

■ 18.6621, 42.5683,
-111.7541

■ 33.8953, 17.0943,
-47.0861

■ 17.2588, 46.8140,
-122.6272

■ 39.3188, 12.0238,
-34.4157

■ 45.1024, 7.5743,
-23.3829

■ 51.1744, 3.6071,
-13.6230

■ 57.4851, 0.0068,
-4.8333

■ 63.9987, -3.3152,
3.2193

■ 70.6888, -6.4257,
10.7094

■ 77.5354, -9.3743,
17.7673

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.5971, 0.1284, -102.8090



24.5968, 29.4932, -78.4075



24.5971, 57.1685, -31.8565

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.5971, 29.4947, -78.4068



24.5971, 25.9826, 17.2179



24.5971, -33.3386, -0.0565

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.5968, 29.4932, -78.4075



62.0596, -15.5238, 34.9770

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.5971, -30.9997, 14.6702



24.5968, 29.4932, -78.4075



24.5971, -2.7234, 17.2179

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.5971, 29.4947, -78.4068



24.5971, 54.6332, 15.3295



24.5971, -21.8679, 17.2179



24.5971, -30.3661, -37.0117

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.5968, 29.4932, -78.4075



24.5971, 66.9003, -6.2521



24.5971, -21.8679, 17.2179



24.5971, -33.1541, 7.0863

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.5971, 29.4947, -78.4068



68.0712, 5.3819, -19.6324



57.6086, -27.8015, -5.1576



30.7085, 3.1524, -10.7319



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.5971, 29.4947, -78.4068



26.5200, 53.6197, -141.0184



29.5942, 40.1848, -59.2546



27.8519, -0.1678, -1.8989



14.8883, 40.3840, -105.7837



2.4834, 6.7358, -17.6422

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.5719, 56.0747, -37.4504



47.5079, 85.9365, -57.5748



57.5814, -32.6654, 31.6848



28.5448, 2.1810, -0.9678



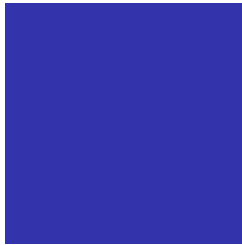
29.5685, 58.1318, -38.9922



4.9318, 9.6959, -6.5039

Previews

White Background



This preview shows how the HunterLab color 24.5968, 29.4932, -78.4075 looks on a white background.

Color Contrast Check

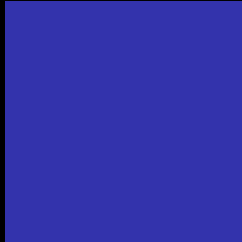
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 24.5968, 29.4932, -78.4075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

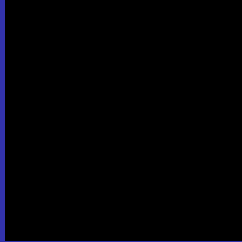
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 24.5968, 29.4932, -78.4075 Background



This preview shows how black text looks on a background with the HunterLab color 24.5968, 29.4932, -78.4075.



This preview shows how white text looks on a background with the HunterLab color 24.5968, 29.4932, -78.4075.

-78.4075.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.5968, 29.4932, -78.4075

Protanopia

24.3668, 7.2808, -46.1736

Deuteranopia

24.5259, -0.9367, -28.6332



Tritanopia

24.3248, -11.9177, -4.6770

Trichromacy



Original Color

24.5968, 29.4932, -78.4075

Protanomaly

23.9644, 14.7069, -58.4703

Deuteranomaly

23.8719, 9.3365, -46.7490

Tritanomaly

23.4744, 0.2110, -26.4979

Monochromacy



Original Color

24.5968, 29.4932, -78.4075

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

22.7856, 6.9563, -19.9165

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.5968, 29.4932, -78.4075 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(51, 51, 172)` looks like.

```
.text, #text, p{  
    color:rgb(51, 51, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(51, 51, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 51, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 24.5968, 29.4932, -78.4075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(51, 51, 172) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(51, 51, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(51, 51, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 51, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 51, 172);  
box-shadow:4px 4px 4px 4px rgb(51, 51,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.5968, 29.4932, -78.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 51, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(51, 51,  
172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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